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the Barnes-Hut algorithm, Greengard's Fast **Multipole** Method(FMM)and the F
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algorithm (Barnes and Hut 1986)the fast **multipole** method (Greengard and R
method (Greengard and Rokhlin 1987)and the cell **multipole** method (Ding et
threedimensional space into a hierarchical **octree** of cells. At the start of eac
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Managing Flocking Objects with an **Octree** Spanning a Parallel Message-Pas
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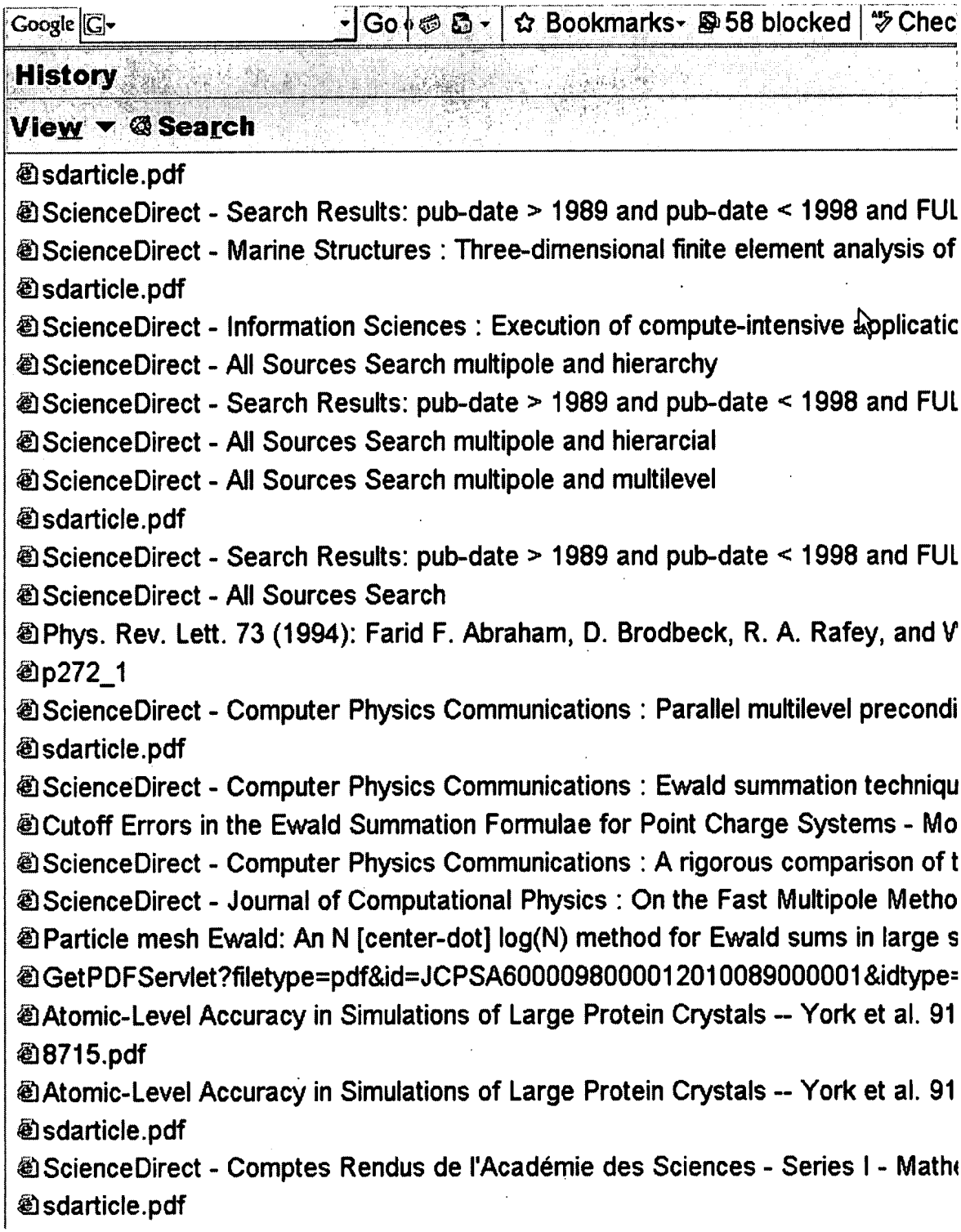
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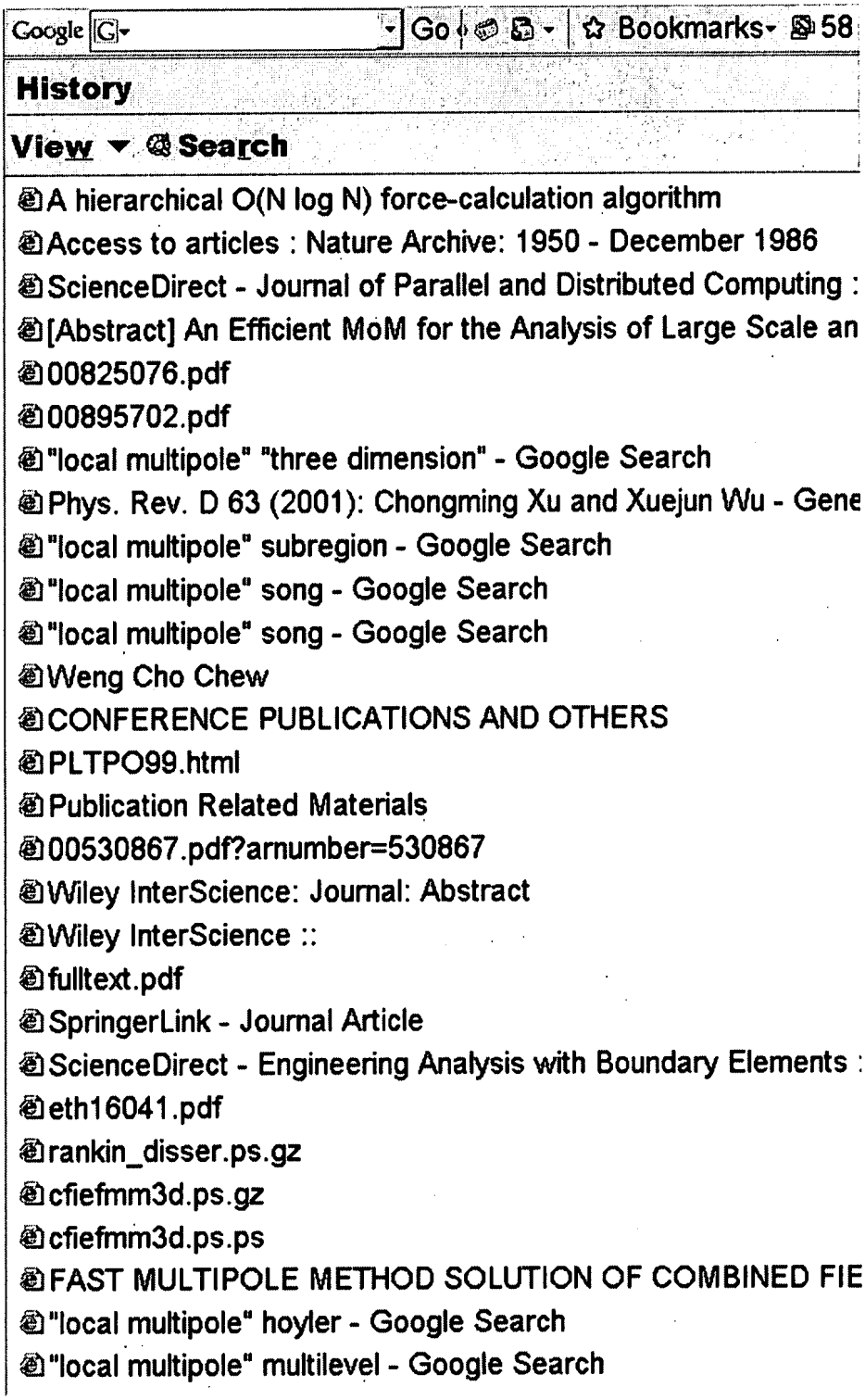
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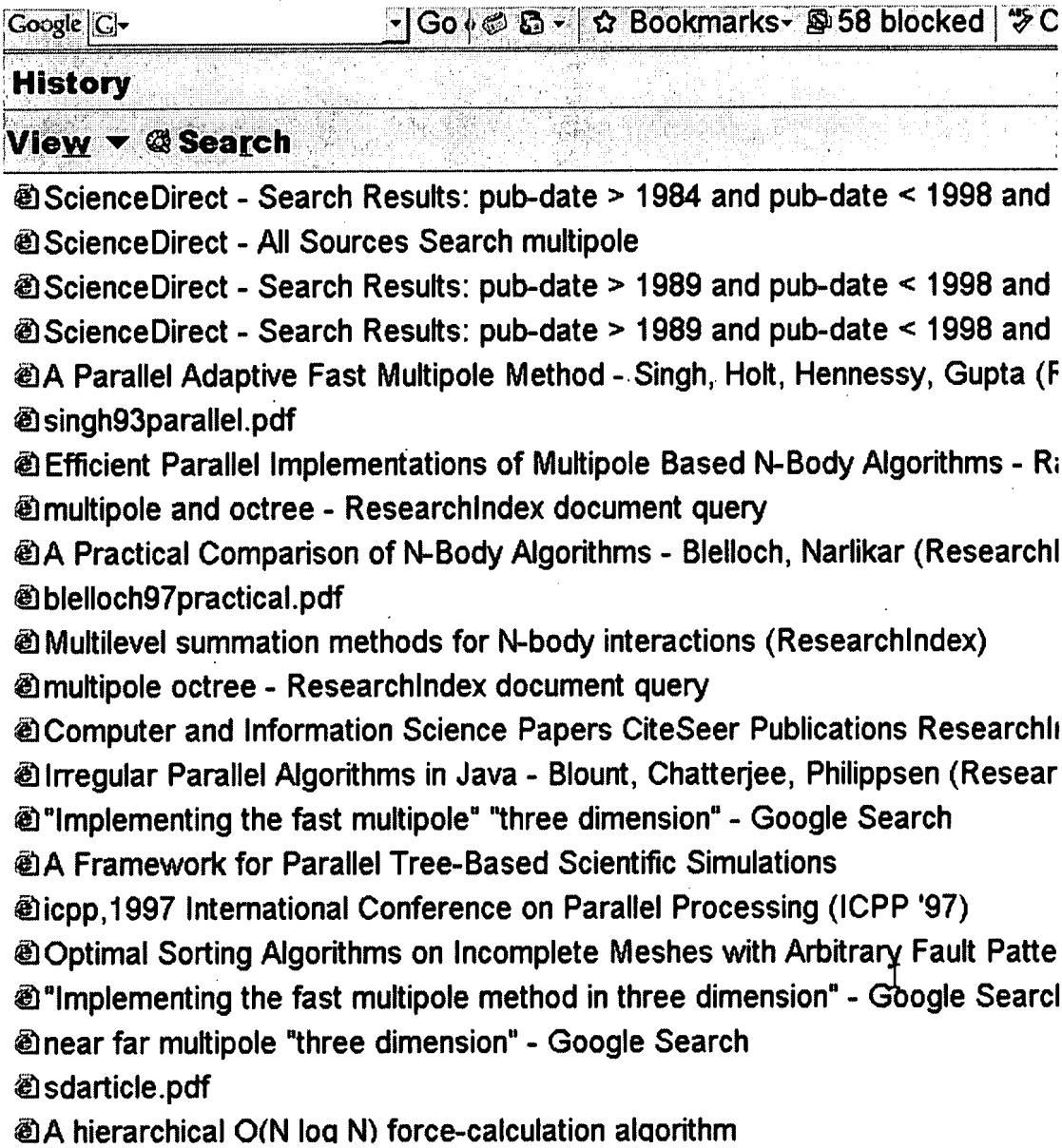
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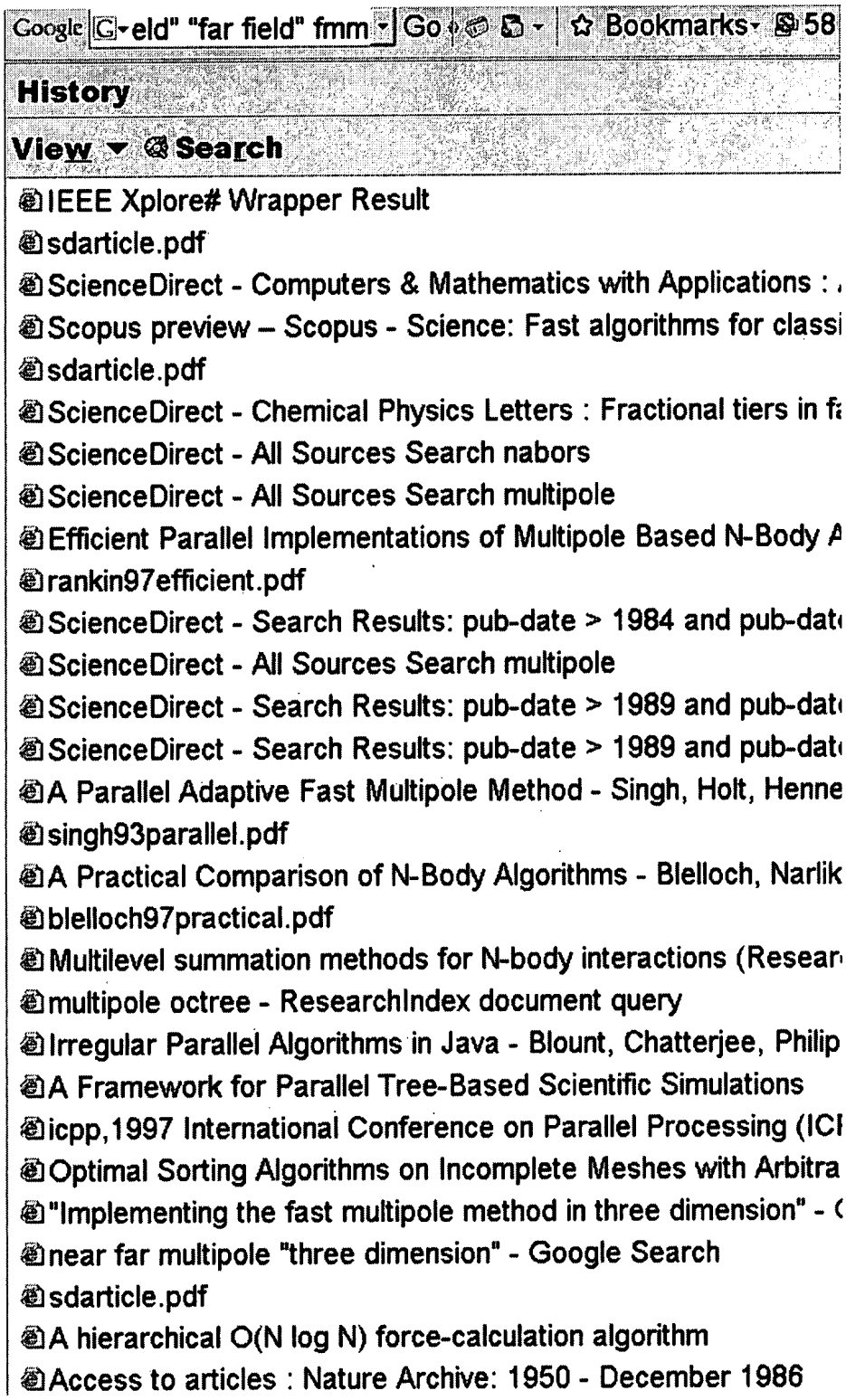
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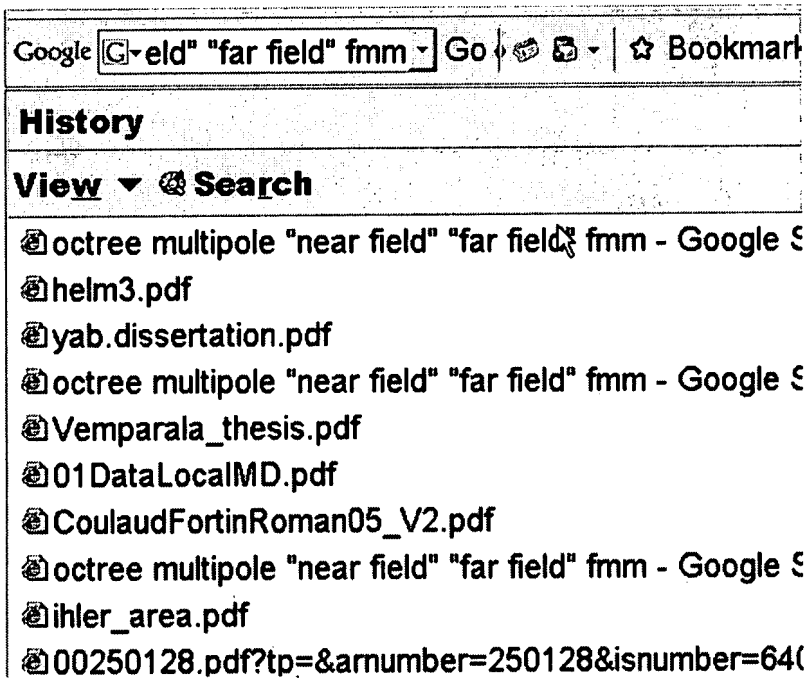
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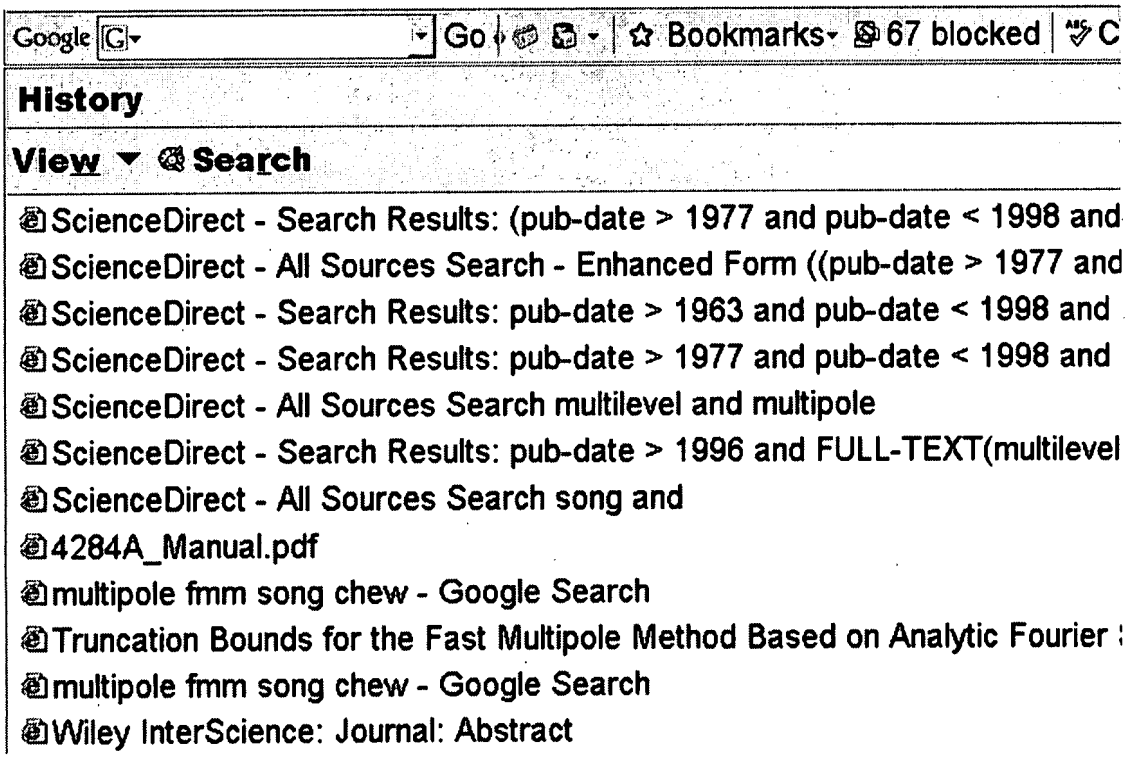
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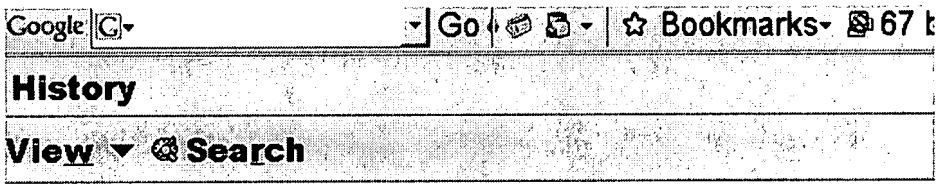
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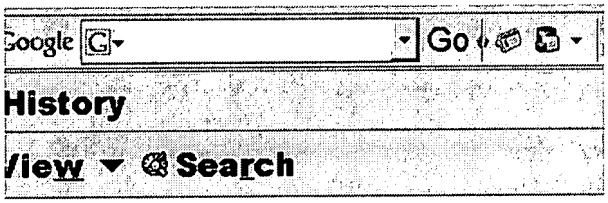
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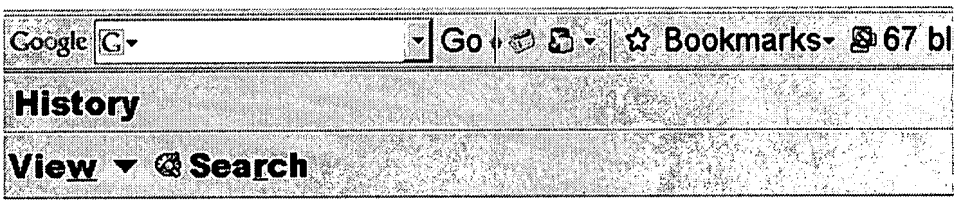
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